H5824

(8)
Dredge No. 5824 Date, July 20 ,19 K Hydrog No. Elect: Reel El. Short 3 & Ubs.
Sag. Mch. Electric Reel El. Short 3 5 lbs.
Turns Cor'n Depth 65 fms.
Sag. Cup Forming (Sft. Son) Sample
Character of Bottom gn. M., fr. gn. S
Thermon. $ \begin{cases} Make & & \\ Cor'n \\ Stem. & \end{cases} $
Bottom Reading Cor'd Temp.
Sdg. Mch. Fleet Reet F. Hoad So lbs. Turns Cor'n Depth 65 fms. Sdg. Cup France (Sft. Social Met Bot'm Sample Character of Bottom Cor'n Sample Cor'd Temp. Thermon. (Make Cor'd Temp. Stem. St
Density: Surf. fms.
Density: Surf. fms. Wind: Direction NN Force 3-4 Baromet. 30:// Amt. of State of Jy Sea
Baromet. 30.11 Clouds 5 Sea J
Weather De
$\begin{array}{l} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \\ \begin{array}{l} \textit{Surface} \\ \textit{Bottom} \end{array}$
Tide
General Locality Off Frashington Coast
General Locality Off Prashington Coast
Position Grays Harbor Light bears S640E (trad) Chart used: No. 6400 Edistant 27. Source Drift: Direction Distance
Position Grays Harbor Lift bears 5640E (true) Chart used: No. 6400 Rdn 2 Drift: Direction Distance
Position Grays Harbor Light bears S640E (trad) Chart used: No. 6400 Edistant 27. Source Drift: Direction Distance
Position Grays Harbor Lift bears 5640E (true) Chart used: No. 6400 Rdn 2 Drift: Direction Distance
Position Grays Harbor Lift bears 564° E (true) Chart used: No. 6400 Ed'n 27. Saule Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor Lift bears 564° E (true) Chart used: No. 6400 Ed'n 27. Saule Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused
Position Grays Harbor LyW bears S640E (true) Chart used: No. 6400 Edistant 27. Soule Drift: Direction Distance Depth of Haul Apparatus and Rigused

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	(2)
1	bridge No. 5825. Date, July 30 ,1965
	Sdg. Mch. Electrice Reet El Shot 30 lbs.
	Furns Cor'n Depth 74 fms.
	Sdg. Cup Arming (Sft Sorg) Sample
(Character of Bottom gn m
5	Thermon. $Make$ Cor'n $Instr.$ $Stem.$
	Bottom Reading Cor'd Temp.
	(540 Time 2:09 5) (648
3	Temp. Surf. Time 2:09 Air Air
	Density: Surf. fms. Wind: Direction TW Force
	Wind: Direction Force Raromet. 30,09 Amt. of 3 State of Marcomet.
	Weather Le
	Weather
,	Direction and Force Surface of Current. Bottom
	Tide
	General Locality Of Rashington Coast
	Prairie frays Harby Light bears 564 1/2° E (true)
	Position grays Harber Light bears 564 12 E (true) Chart used: No. 6400 Edin 2
	Drift: Direction Distance
	Depth of Haul
	Apparatus and Rig used
	m
	Time towing
	Remarks:
	W 0 A A-1.7
	Deck Officer Mr. Cussily Recorder Filling.

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Hydrog No. 5826 Date, July 20 , 1915
Sag. Mch. Electric Red El. Shot 30 1bs.
Hydrog No. Date Date 19 19 18 State No. Date No. Date 19 18 State No. Date
Sag. Cunffrming (Sft. Say) Amt. Bot'm Sample
Character of Bottom Proceeding Cor'n Stem. Rottom Reading Cor'd Temp.
(Make (Instr.
Thermom. \\ \(\mathbb{N}_0. \) \(\text{Cor'n} \) \(\text{Stem.} \)
Bottom Reading Cor'd Temp.
Bottom Reading Cor'd Temp. Temp. Surf. Time 2:27 A 3ir 540
Temp. Surf. Time
Denotes Come fine
Density: Surf. fms. Wind: Direction NW Force 4-5 Baromet. 30.09 Amt. of State of Sea. Weather 5
Wind: Direction Amt. of State of Ty
Baromet. So. Of Clouds Sea
Weather
Direction and Force Surface of Current. Bottom
of Current. Bottom
Tide
The state of the s
110-11-10-1
General Locality Off Frashmylow Coast
Concrat Locality Off Washington Coast
Position grays Harbor Light hears 565° E (true) Chart used: No. 6400 Bd'n
Position Grays Harbor Light hears 565° E (true) Chart used: No. 6400 Ed'n
Position Grays Harber Light hears 565° E (True) Chart used: No. 6400 Ed'n Distance
Position Grays Harber Lyll hears 565° E (True) Chart used: No. 6400 Ed'n Drift: Direction Distance
Position Grays Harber Lyll hears 565° E (True) Chart used: No. 6400 Ed'n Drift: Direction Distance
Position Grays Harber Lyll hears 565° E (True) Chart used: No. 6400 Ed'n Drift: Direction Distance
Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used
Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used
Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used
Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used
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Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used
Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used
Position Grays Harbor Light hears 565°E (True) Chart used: No. 6400 Ed'n Drift: Direction Depth of Haul Apparatus and Rig used

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(21)	
Red Solver Solve	
Sag. Mch. Electrice Reel Fold Stoot 30 lbs.	
Turns Depth Depth fms.	
Sdg. Cup ATTITIZE (SAL, Sach) Sample	
Character of gn m	
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Thermon.	
Could Town	
Bottom Reading	
Temp. Surf. Air	
(Time)	
Density: Surf. fms.	
Wind: Direction N Force	
Baromet. 30.09 Clouds 3 Sea 17	
Density: Surf. Wind: Direction 7VW Fore 4-5 Baromet. 30.09 Amt. of 8 State of 74 Weather 5	
Direction and Force $Surface$ Bottom	
Tide	
General Locality Off Washington Coast	
Position frags Harbor Left bears 565° E (tru) Chart used: No. 6400 Ba'n Drift: Direction Distance	
Chart used: No. 6400 Ed'n 2	
Drift: Direction Distance	
Depth of Haul	
Apparatus and Rig used	

Time towing h. m.	
Remarks: At 2: 30p Set clock back	
He minute, which is not shown on	
C #4 (722) - (826 - 1)	
Fy . 5220 show overest time.	1

Deck Officer Mr. Cassidy Recorder Jilled	

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SOUNDING WIRE.		FMS.	DREDGING			FCABLE.		
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	-
Dredge No. 5128 Date, Mil. 23, 19/	
Sdg. Mch. L. Reel El Shote 3 1bs.	
Turns Cor'n Depth Depth	
Sag. Cup arm (St. Sample	
Character of Tot. C. for one S, on 1'de	
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Thermom. \{\No. \ \Stem. \ \Stem.	
Bottom Reading Cor'd Temp.	
Time 3:04/2) (64"	
Temp. Surf.	
Density: Surf. fms.	
Wind: Direction NW Force 4-5	
Baromel. 30.00 Ant. of State of Sea	
Weather	
Surface	
Direction and Force $Bottom$ Bottom	
Tide	
General Locality Off Washington Coast.	
Position gray: Harbor Light hears S 65° E (Twe) Churt used: No. 6400 Ed. alistant 36.7 miles	
Chart used: No. 6400 Edin distant 36.7 miles	
Drift: Direction Distance	
Depth of Haul	
Apparatus and Rig used	
Time towing	
D	
Remarks:	

Deck Officer Mr. Cossily Recorder STUTION

SOUNDING WIRE.	FMS.	DR	EDGIN	G CA	BLE.
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Ured See 3 No. 58 2- 9 Date, ful 20, 19/5
Sdg. Meh. El Red El. Shall 30 lbs.
Turns Cor'n Depth Ofms.
Sag. cup forming (Sft Soup) Amt. Bot'm Sample
Character of the C. cro. of the grant
(Makr (Instr.
Thermom. Stem.
Bottom Reading Cor'd Temp.
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Temp. Surf. Air
Density: Surf. fms.
Wind: Direction Porce
Baromet. 20,001 Amt. of State of Sea
Weather
Direction and Force Surface
Tide
General Locality Off Washington Coast
Position Group Harbor Light bears 565/2 E (True) chart used: No. 6400 Ed'n
Chart used: No. 6400 Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rigused
Time towing $\dots h$, m .
Remarks:

SOUNDING WIRE.	723.544	DREDGI	GING CABLE.			
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(2, th)	
Hydrog. So. S 30 Date,	1
Sag. Meh. Fletti Rec	A / Z. / Shot lbs.
Turns Cor'n	Depth fms.
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Character of Boltom	
Thermon Make	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Thermom. $\left\{_{\mathcal{N}o},\right.$	Corn Stem.
Bottom Reading	
Temp. Surf. Time .	3:00/5
Density: Surf	fms.
Wind: Direction 7/1/	Force
Baromet. 30. 09 Amt. of Clouds	2 State of Sea
Weather Le	
Direction and Force Surface of Gurrent.	
Tide	
General Locality. Off Wa	eshington Coust
General Locality. Off Wa	es hinglon Coust Who hears 565/2° Elbus
General Locality. Off Wa	ht hears 565/29 (thus)
General Locality. Off Wa	My hears 5 65 1/2 F (two) distant 38 y mile Distance
General Locality Off Ma Position Grays Harbor Lig Chart used: No. 6400	Whears 565/2 F/Two) distant 38 9 mile
General Locality Of Ma Position Grays Harbor Lig Chart used: No. 6400 Drift: Direction	Whears 565/2 F/Two) distant 38 9 mile
General Locality Of Mander Lig Position Grays Harber Lig Chart used: No. 6400 Drift: Direction	Whears 565/2 F/Two) distant 38 9 mile
General Locality Of Mander Lig Position Grays Harber Lig Chart used: No. 6400 Drift: Direction	Whears 565/2 F/Two) distant 38 9 mile
General Locality Of Mander Lig Position Grays Harber Lig Chart used: No. 6400 Drift: Direction	Whears 565/2 F/Two) distant 38 9 mile
General Locality Of Mander Lig Position Grays Harber Lig Chart used: No. 6400 Drift: Direction	by hears 5 65/2 F(twe) clistant 38 g will Edin Distance
General Locality Of Marka Lig Position Grays Harba Lig Chart used: No. 6400 Drift: Direction	by hears 5 65/2 F(twe) clistant 38 g will Edin Distance
General Locality Of Marka Lig Position Grays Harba Lig Chart used: No. 6400 Drift: Direction	by hears 5 65/2 F(twe) clistant 38 g will Edin Distance
General Locality Of Marka Lig Position Grays Harba Lig Chart used: No. 6400 Drift: Direction	by hears 5 65/2 F(twe) clistant 38 g will Edin Distance

Deck Officer Not O I I in Recorder (NIM) 11-1023

SOUNDING WIRE: M. DOWN. UP. P. M. 7 14 20 V 56 30	FMS.	DREDGING CABLE.			
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(D)		
Dredge No. 5831	Date, _ f-uley De.	, 1915
Sag. Mch. Electric	Reel El. Shot .	3 🖒 1bs.
Turns Cor'n		fms.
sag. oup an mine (CC)	Low Just Bot'm no from	John
Rottom		
Thermom. $\begin{cases} Make \\ No, & \dots \end{cases}$	$Cor'n$ { $Instr.$ { $Stem}$	
No	Stem.	
Bottom Reading	Cor'd Temp	
Temp. Surf.	Time 3.º /5/5 Air	640
Density: Surf.	fms.	
Wind: Direction	Porce	
Baromet. 30:08	Amt. of State of Sea	77
Weather by		
$Direction \ and \ Force \begin{cases} Surf \\ of \ Current. \end{cases}$	ace	
Tide		
_		,
General Locality.	Washington Co.	ast
	or fight bears \$ 65%.	
Chart used: No. 64	00 Edin 39:-	
Drift: Direction	Distance	
Depth of Haul		
${\it Apparatus} \ and \ {\it Rig} \ used \ .$		
	Time towing h	m.
Remarks:		

Deck Officer Mire Cossing Recorder 11-1025

SOUNDING WIRE.	733500	DREDGIN	G CA	BLE.
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Turns Cor'n	Depth		fms.
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Character of Bottom.			
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Bottom Reading	Cor'd T	, -	
Temp. Surf.	3:25701	dir 63	
Temp. Surf. Time	1	.417	
Density: Surf.	f	ms.	-
Wind: Direction	Force	J	
Baromet. 30.07 Amt. of Olouds	2St	ate of Di	
Weather			
Direction and Force Surface of Current.			
Tide			
General Locality. Ma			
Position Grays Harbor L. Chart used: No. 6400	ght bears	S65/2°E	(tur)
Chart used: No. 6400	Ed'n	4. p. o na	(2)
Drift: Direction	Dista		
Depth of Haul.			
Apparatus and Rig used			
	Time towing	h.	m.
Remarks: 0	Time towing	h.	m.
Remarks: 0	Timetowing	h.	m.
Remarks: 292	Time towing	h.	m.
Remarks: O	Time towing	h.	<i>m</i> .
Remarks: TAL	Time towing	h.	<i>m</i> .

Deck Officer Tiet. Colling Recorder Recorder

SOUNDING WIRE.	733.50	DREDGING CA	BLE.
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Dredge No. 53 33 Date	, cly 20 ,10 !
Salg. Meh. Election R.	Lead ? Ths.
Turns Cor'n	Depth / fms.
	Int. Bot'm Sample
Character of Bottom)
Thermom. Make	Cor'n Stem.
Bottom Reading	Cor'd Temp,
Temp. Surf. Time	.fir
Density: Surf.	
Wind: Direction // - 11	Force
Baromet, 31:16 Amt. of Clouds	State of Al
Weather	
$Direction \ and \ Force \ \begin{cases} Surface \\ of \ Current. \end{cases}$	-
Tide	
General Locality Off Wa	sling ton Coast
General Locality Off Wa	()
	()
General Locality Off Wa	()
General Locality Off War Position Grays Harbor Sign Chart used: No. 6400	of lecars & C\$ 18 F (time) islant 37 is such,
General Locality Off Wa Position Grays Hawlor Sign Chart used: No. 6400 Drift: Direction	of lecars & C\$ 18 F (time) islant 37 is such,
General Locality Off Na Position Grays Hawlor Sign Chart used: No. 6400 Drift: Direction Depth of Haut	of lecars & C\$ 18 F (time) islant 37 is such.
General Locality Off Na Position Grays Hawlor Sign Chart used: No. 6400 Drift: Direction Depth of Haut	of lecars & C\$ 18 F (time) islant 37 is such.
General Locality Off Na Position Grays Hawlor Sign Chart used: No. 6400 Drift: Direction Depth of Haut	of lecars & C\$ 18 F (time) islant 37 is such.
General Locality Off Na Position Grays Hawlor Sign Chart used: No. 6400 Drift: Direction Depth of Haut	We lears & C# / EF (huy) Listant 3 pm miles Ed'n Mistance
Ceneral Locality Off War	We lears & C# / EF (huy) Listant 3 pm miles Ed'n Mistance
Ceneral Locality Off War	We lears & C# / EF (huy) Listant 3 pm miles Ed'n Mistance
Ceneral Locality Off War	We lears & C# / EF (huy) Listant 3 pm miles Ed'n Mistance
Ceneral Locality Off War	We lears & C# / EF (huy) Listant 3 pm miles Ed'n Mistance

Deck Officer Die Colin Recorder (4 at hat.

SOUNDING WIRE M. DOWN. UP. M. D	11-1023			
M. Down. Up. M. M. Down. Up. M. M. Down. Up. M. 100 200 300 400 500 600 700 800 900 1000 1100 12	SOUNDING WIRE.	777.64	DREDGIN	G CABLE.
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Dreukee No. Date, , 19
Sag. Mch. Chatre Reel Shot Lead ths.
Turns Cor'n Depth fms.
Silg. Cup Amt. Bot'm Sample Character of Bottom (Make (Instr.
Thermon. $\begin{cases} N_0 \end{cases}$ Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Time .fir
Density: Surf. fms.
Wind: Direction 11 Y! Force
Baromet X 30:06 Amt. of State of Sea
Weather X
Direction and Force Surface Bottom
Tide
General Locality Off Washington Coast
Position Group Harbor Light hears 5 68/20 E (tru)
Chart used: No. 6400 Rain 37, a miles
Drift: Direction
Depth of Haul
Apparatus and Rig used
$\textit{Time towing} \ldots h, \ldots, m,$
Remarks:

SOUNDING WIRE.	****	DR	EDGIN	G CA	BLE.
M. Down, Up. L. M.	FMS.		Down.		M.
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Dredge No.	Date,				19
Sag. Mch.	Reel	Much	-Shot \Lead}	30	lbs.
Turns Cor'n			th	0	fms,
Sag. Cup	/ \ An	st. Bot'm Sample			_
Character of Bottom			11		5
Thermom. $\left\{egin{aligned} Make & \dots \\ No. & \dots \end{aligned}\right.$		Cor'n { Ins		J.	
Bottom Reading		Cor	'd Temp.		
Temp. Surf.	Time Time	16.9 /	} Air	- 1/2	
Density: Surf.	7317		fms		
Wind: Direction		Force			
Baromet. 30:16 6	Amt. of Clouds	/	State of Sea		
Weather					
					_
Direction and Force of Current.					
Tide					
_					
General Locality Off					
Position grays Harbor Chart used: No. 640	Light	listant	\$62/	roE(to	ue)
			Oistance		
Drift: Direction			ristance		
Depth of Haul					
Apparatus and Rig used					
		Time towing	S.	11.	m,
Remarks:	ć				
W-A					

11-1023 SOUNDING WIRE.			DD	EDG	DYC C	DIE		
. ,	-			FMS.	DREDGING CABLE. M. DOWN, UP.			
	Down		UP. Z. M.		M.	Down	s Up.	M.
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Dredge No. Date,	, 19
Sdg. Mch. Checker Reelf	Shot 30 lbs.
Turns Cor'n .:	Depth fms.
Sag. Cup ? De Golf Ant.	Bot'm ample
Character of Bottom	- in x mile
(Make	(Instr
Thermom.	Stem.
Bottom Reading	Cor'd Temp.
Time 7	78 1 (
Temp. Surf. Time Time	Air
Density: Surf.	fms.
Wind: Direction //- YV	Force
Baromet. 3006 Amt. of .	State of M
Weather	
A A TABLE MANAGEMENT	
Direction and Force Surface Surface Bottom	
Tide.	
General Locality Off Wash	rington Coast
Position Group Harbor Light Chart used: No. 6400 Ed	
	Distance
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
Tim	e towing
Remarks;	

10	
Dredge No. 58 3 Date, 111	11 20 , 19.
Sdg, Mch. Reel	Shot So lbs.
	Depth . O. f. fms.
Sag, CupAmt. Bot'm	
Character of Bottom	11.14
Thermom. { Cor'n }	Instr. Stem.
Bottom Reading	or'd Temp
Temp. Surf. Time	Air
Density: Surf.	fms.
Wind: Direction For	reeel
Baromet, 300 00 Amt. of Clouds	State of : //
Weather	

Direction and Force Surface of Current. Bottom	
Tide	
General Locality Off Washing	ton Coast
Position Grays Horbor Light becomes that used: No. 6400 Edin	N S59/20E (hus).
Chart used: No. 6400 Edin	il 3115 mules
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rigused	
m	
Remarks 1 16 (4 5 8 3 6 11 17	$n_{\mathcal{S}}$
Remarks	and adequation or an arrange

. Recorder.

11-1023

Deck Officer

SOUNDING WI	SOUNDING WIRE.		DREDGING CABLE.			
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		4900				

Dredge No. J. S. Date, , 19
Sdg. Mch
Turns . Cor'n Depth 6 fms.
Sd.g. Cup Amt. Bot'm Sample Character of Politics Sample
Thermom. $ \begin{cases} Make & & Cor'n \\ No. & \end{cases} $
Bottom Reading
Temp. Surf. Sy's Time J. Sy's Air
Density: Surf
Baromet. 3 Amt. of State of J
Weather
Direction and Force Surface of Current.
Tide
General Locality Off Washington Coast
Position Grays Harber Light hears 557/2° E (true) Chart used: No. 6400 Edn 295 mile
Chart used: No. 6400 Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towingh,m.
Remarks:

Deck Officer 1. Fin Recorder Charles 11-1023

argurog.	ate,	, 19
Sag. Mch. Elestric	Real . E. /. Shot) 1bs.
Turns Cor'n	Depth	fms.
Sag. cup. On Cont. C.	Amt. Bot'm Sample	
Character of Bottom	in soude	
Thermom. $\left\{ egin{aligned} Makr \\ \mathcal{N}o. \end{array} \right.$	Cor'n $Stem.$	
Bottom Reading	Cor'd Temp.	
Temp. Surf. Tin	ne. 5:44	20
Density: Surf.	fms	
Wind: Direction //- //	Force	
Baromet. Amt.	of State of Sea	
Weather		
Direction and Force Surface of Current.		
Tide		
General Locality Off W	ashington Coa	st
General Locality Off W		
General Locality Off W Position Grays Hurber Chart used: No. 6400	Light hears 555 1/2° to clistant 27.5 mi	
General Locality Off W		
General Locality Off W Position Grays Hurber Chart used: No. 6400	Light hears 555 1/2 to distant 27.5 mi	
General Locality Off W Position Grays Harbor Chart used: No. 6400 Drift: Direction Depth of Haul	Light hears 555 1/2 to distant 27.5 mi	
Position frage Hurbor Chart used: No. 6400 Drift: Direction	Light hears 555 1/2 to distant 27.5 mi	
General Locality Off W Position Grays Harbor Chart used: No. 6400 Drift: Direction Depth of Haul	Light hears 555 1/2 to distant 27.5 mi	
General Locality Off W Position Grays Harbor Chart used: No. 6400 Drift: Direction Depth of Haul	Light hears \$55 /2°th Octistant 27.5 min But n Distance	E(tma)
Position frage Hurbor Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Light hears \$55 /2°th Octistant 27.5 min But n Distance	E(tma)
Position frage Hurbor Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Light hears \$55 /2°th Octistant 27.5 min But n Distance	E(tma)
Position frage Hurbor Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Light hears \$55 /2°th Octistant 27.5 min But n Distance	E(tma)

SOUNDING WIRE.		DREDGING CABLE.		
M. Down. Up. P. M.	FMS.	M. Down. Up.	M	
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196	100			
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	4800			

Predge No Date, , 19	
Stog. Mch. Least Reel G. U. Shott Least 1bs	
Turns Cor'n Depthy fms	
Sag. Cup Amt. Bot'm Sample	•
Character of Jane	
(Make - (Instr.	
Thermom. $\left\{_{\mathcal{N}o,}\right.$ $\left.\left\{_{Stem.}\right.$	
Bottom Reading Cor'd Temp.	
Temp. Surf. Time () Air	_
Temp. Surf. Air	
Density: Surf fms.	
Wind: Direction Force	
Buromet. 3 4mt. of State of Sea	
Weather	
Direction and Force Surface of Current.	-
of Current. Bottom	
Tide	
General Locality Off Bashuylon Coast	
vosition frays Harber Light hears S53/2° E (Im. Onart used: No. 6400 Ran 25.7) miles	
Chart used: No. 6406 Rd'n	
Drift: Direction	
Depth of Haul	
Apparatus and Rig used	
Time towing h m	
Remarks:	

2. Recorder 1207 11 1023

SOUNDING WIRE.		DREDGING CABLE.			
M. Down, Up M.	FMS.	M. Down			
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Dredge No. 207/ Dat	
Sdg. Mch.	leet / Shot Shot JU lbs.
Turns Cor'n	Depth fms.
Sdg. Cup Y 12 12 12 11 11 11 11 11 11	Amt. Bot'm Sample
Character of fre	
Thermom, $\left\{ egin{array}{ll} Maker \\ No, \end{array} \right.$	$Cor'n$ $\{Instr.$
No	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	
Density: Surf.	fms.
Wind: Direction VV IV	Force :
Baromet. 30.75 Amt. of Clouds	State of . M. Sea
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality Off Bo	ashington Co ast
Position Grays Horber L.	My hears \$50/2 (tru) clistant 24,0 miles
Chart used: No. 6400	Ed'n 23.8
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towingh,m.
Remarks:	

Deck Officer Landing

13€			
Dredge Hydrog.} No	Date,	** * ***	. , 19
Sag. Mch	Reel	She Lea	t}_0t}_1
Turns Co	r'n	Depth :	OO fms
Sd.g. Cup Character of Cre Bottom Cre	Amt	. Bot'm Sample	
Thermom. $\left\{ \begin{matrix} Make \\ \mathcal{N}o. \end{matrix} \right.$	<i>y</i> A	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading		Cor'd Tem	9,
Temp. Surf.	Time Time	} .di	,,
Density: Surf.		fms.	
Wind: Direction	// 11	Force Y	<u> </u>
Baromet, 50163	Amt. of Clouds	State Sea	of /Y/
Weather			
Direction and Force)	rfaer . Uom		
Tide			
	personal designation of the second se	how with the delivery	
General Locality Of	of mas.	lington (Poast
Position Grays Har Chart used: No. 6	bor Light	hears 54	80E (true).
Drift: Direction		Distance	×1.
Depth of Haul			
Apparatus and Rig used			
	Tin	ne towing	
Remarks:			

11-1023					
SOUNDING WIRE. FMS.		DRE	DREDGING CABLE.		
M. Down, UpM.	2.3.1.5.	M. I	Down. Up.	M.	
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Bredge No. 1 Date,			, 19 .'
Sdg. Mch Rec	et ffin 1/	Leads	56 tbs.
Turns Cor'n	Depth	Q	fms.
	mt. Bot'm Sample		
Character of Boltom			
(Make	(Instr.		
Thermon. No.	Cor'n Stem.		
Bottom Reading	Cor'd	Temp	
Temp. Surf. Time		Air	
Density: Surf.		fms.	
Wind: Direction /1-17	Force 4		
Baromet. Amt. of Clouds		State of Sea	£
Weather			
	-		
Direction and Force Surface Bottom			
Tide			
General Locality Off Ma	shingto	n Co.	ast
Position grays Harbor dight			ine)
Position frage Harter Light Chart used: No. 6400	bears S4 distan	4ºE (1)	me)
Position frage Harber dig W. Chart used: No. 6400 Drift: Direction	bears S4 distan		me)
Position frage Harter Light Chart used: No. 6400	bears S4 distan	4ºE (1)	me)
Position frage Harber dig W. Chart used: No. 6400 Drift: Direction	bears S4 distan	4ºE (1)	me)
Position grays Harby dight Chart used: No. 6400 Drift: Direction Depth of Haul	bears S4 distan	4ºE (1)	me)
Position grays Harby dight Chart used: No. 6400 Drift: Direction Depth of Haul	bears S4 distan	4ºE (1)	me)
Position grays Harby dight Chart used: No. 6400 Drift: Direction Depth of Haul	bears S4 distan	14°E (1 t 20.7 5	me)
Position grays Harby dight Chart used: No. 6400 Drift: Direction Depth of Haul	bears S4 distant Edin Di	14°E (1 t 20.7 5	me)
Position grays Harby diglob Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	bears S4 distant Edin Di	14°E (1 t 20.7 5	me)
Position grays Harby diglob Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	bears S4 distant Edin Di	14°E (1 t 20.7 5	me)
Position grays Harby diglob Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	bears S4 distant Edin Di	14°E (1 t 20.7 5	me)
Position grays Harby diglob Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	bears S4 distant Edin Di	14°E (1 t 20.7 5	me)
Position grays Harby diglob Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	bears S4 distant Edin Di	14°E (1 t 20.7 5	me)

SOUNDING WIRE.	7.73.5.1	DREDG	ING CA	BLE.
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Dredge No. Date, , 19
Sag. Mch. Reel M. Lead Stot 18.
Turns Depth fms.
Sag. Cup
Thermon. $ \begin{cases} Make & & & \\ No. & & & \\ \end{cases} \begin{cases} Instr. & & \\ Stem. & & \\ \end{cases} $
Bottom Reading
Temp. Surf. { Time
Density: Surffms.
Wind: Direction / Y / Y Force
Baromet
Weather .
Direction and Force Surface of Current.
Tide.
Position Trays Harbor Light hears & 350 E (true)
Position frago Harbor Light hears . S 36° E (twe) Chart used: No. 6400 Reton 19.0 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Ris used
Winnesday Inc.
Remarks:
nemarks.

Hydrog No. Date, Quely 21 ,1915
Sag. Meh. Production Red Col Stant 30 ths.
Turns Cor'n Depth 6.3 fms.
Sde. Cup Amt. Bot'm Sample
Character of get 2
Thermon. { Make
No. Stem.
Bottom Reading Cor'd Temp,
Temp. Surf. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surf. fms.
Wind: Direction Olling to Horce 3
Baromet, 30, 26 Clouds 10 State of Sea
Weather Couns
Direction and Force Surface of Current. Bottom
Tide
General Locality Off Washington Coast
Positional estruction d. Light hears N28°E (hus). Chart used: No. 6400 Rd'n distant 20,5 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time toming h. m.
Time towing h, m.
Remarks:

Deck Officer The Diet is Recorder C. S. D. Julian

SOUNDING WIRE.		DREDGING CABLE.		
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(E)	
Hydrog. No. S. 846 Date,	Curry 31 ,1015
Sag. Meh. Escs t Reel	Lead 30 lbs.
Turns Cor'n	Depthfms.
Sdg. Cup- Carrie Gladian Sa	Bot'm mple
Character of Bottom gu Mi	
Thermom.	Instr.
(xo	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. S. Time / Time	30 \ .tir\ 20°
Density: Surf.	fms.
Wind: Direction Of M. Off.	Force 3
Baromet. 3.0.26 Amt. of 19	State of -
Weather 62	
Direction and Force Surface of Current.	
Tide	

General Locality Off Washing	In Coast
Position Destruction Is Light a chart used: No. 6400 Edin	hears N31/2E (true)
Chart used: No. 6400' Ed'n	0
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
Time t	owing
Remarks:	

Deck Officer 2 1 State by Recorder . Billy

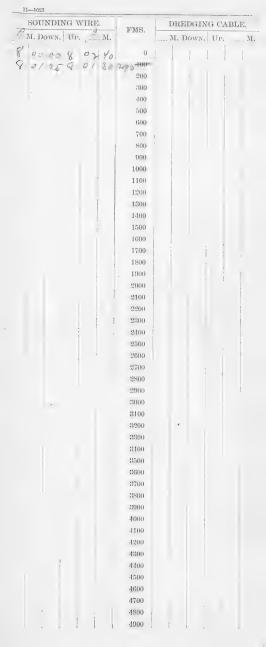
11—1023			
SOUNDING WIRE.		DREDGIN	G CABLE
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Date, Date, 2 2 2 19/8
Sag. Meh Reel Clebot Boot 30 1bs.
Turns Depth 249 fms.
Sdg. Cup 2. Manufe
Character of Bottom
Thermon. {\begin{align*} Make & & & & & & & & & & & & & & & & & & &
Rottom Reading Cor'd Temp.
Time 1509 (60°
Temp. Surf. Size Time 7.509 Air
Density: Surffms.
Wind: Direction 2. 7.2. Force 3
Baromet. 20,26 dint. of State of Sen
Weather OCM
Direction and Force Surface of Current. Bottom
Tide
211m-1. T. A.
General Tocality Off Washington Coast
Destruction 1 f'11/2 N210E(To)
Position Destruction S. Light lears N36°E (True). Chart used: No. 6400 Elistant 22.7 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
W
Time towingh,m.
temarks:
-

Deck Officer 1 1 Recorder Recorder

111023				
SOUNDING WIRE.	133461	DREDGING CABLE.		
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Deck Officer



Hydrog, No. 2 U 1 Date, 1991
Sag. Mch. G. Cont. Reel Stort Shott 50 1bs.
Turns Cor'n Depth (fms.
Sdg. Cup Character of Bottom De Cun Marie Character of Bottom
Thermon. $ \begin{cases} Make & . & . \\ & Cor'n \\ No. & . \end{cases} $
Bottom Reading
Temp. Surf. {
Density; Surf. fms
Wind: Direction Co. Porce
Baromet. 20 Amt. of O State of &
Weather
A STATE OF THE STA
Direction and Force Surface
Tide
General Locality Off Washington Coast
Position Destruction Is, Light hears N40°E (true)
Chart used: No. 6400 distant 2000 miles
Drift: Direction
Depth of Haul
Apparatus and Rig used
Time towing h , m ,
Remarks:

11—1023				
SOUNDING WIRE.	FMS.	DREDGING CABLE.		
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Hydrog No.	Date,		, 19
Sag. Mch. Car	Reel & Co.	& Shott Leads	1bs.
Turns Cor'n	Dej	oth T.	fms.
sag. cup Menny (confl.	Amt. Bot'm Sample		
Character of Bottom.	1 7-11-	chamber for	Ans.
Thermom, {Make	· Cor'n Ins	tr.	
No	Ste	m	
Bottom Reading	Cor	d Temp.	
Temp. Surf.	Time] Air	2 U
	Time	, ,	
Density: Surf		fms.	
Wind: Direction	Force	Land.	
Baromet. 3 :	nt. of 10	State of Sea	
Weather			

Direction and Force Surface of Current.			
Bottom			
Tide			
.1.0			
General Locality Off M	ashington	Coas	1
Position Destruction de	. /	14	
,	distan	J-19.2	Elling
Chart used: No. 6408	Ed'n	31	
Drift: Direction	Di	stance	CAT AND THE REAL PROPERTY AND ADDRESS.
Depth of Haul			
Apparatus and Rig used			
	Time towing	h.	m.
Remarks;			

SOUNDING WIRE.		DREDGING CABLE.		
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Hydrog. No De	tc,		, 19
	$Ree\tilde{l}$	Shot \ Leads	1bs.
Turns Cor'n	Dept	por it	fms,
Sag. Cup (113)	Amt. Bot'm Sample	/ /	
Character of School	27 11 11	-	
Thermon. $\begin{cases} Make \\ No. \end{cases}$	Cor'n Inst.		
Bottom Reading	Cor'a	t Temp.	
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Density: Surf.		ſms.	
Wind: Direction 60 74 0	Force	Card	
Baromet, Amt. o. Clouds		State of Sea	TO 100 AND AND AND AND AND AND A
Weather 5 C 1.72			
Nimetica and The (Surface			
Direction and Force Buttom			
Tide			
-	- FM 100		
General Locality Off Was	lington (Poash	
Position Destruction Is Lig.	let bears !	V43/2°E((tim)
Thart used: No. 6400	Ed'n	18is mul	· .
Drift: Direction	Dis	tance	
Depth of Haul			
Apparatus and Rig used			
	Time towing	h.	m.
Remarks:			

Deck Officer ,

11-1023						
SOUNDING		FMS.	DRED	GING	G CAI	BLE.
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Wredge No Date		, 19 E.
Sag. Mch. R	rel . Short Leads	1bs.
Turns Cor'n	Depth	O fms.
Sag. Cup:	Amt. Bot'm Sample	
Character of Bottom		free
(Make	(Instr.	<i>5</i> '
Thermom. ${}^{\{Mink,V)}_{No.}$	Cor'n Stem.	
Bottom Reading	Cor'd Temp	
Temp. Surf. Sime	9 } Air	65
Density: Surf.	fms.	
Wind: Direction	Force	****
Baromel. 2-9 Amt. of Clouds	State of Sea	Carrie .
Weather .	1	
		month of Th
Direction and Force Surface of Current. Eottom		
Tide		
General Locality Aff Man		ash
Position Destruction Is &	ight hears N4	S/20 E (Time)
Chart used: No. 0400	Ed'n	
Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rig used .		
	Time towing	hm.
Remarks:		

Deck Officer 121 Caroling Recorder 19 de 11-1023

Dredge 1		
Hydrog & No.	Date,	/ , 19) }
Sdg, Mch.	Reel	Shot) Ibs.
Turns Cor'n	Depth	
Sag. Cup Con con Koy	Amt. Bot'm	
Character of Bottom	rome 1	1.16-64(
(Make	fright (Instr.	
Thermom.	Cor'n Stem.	
Bottom Reading	Cor'd	Temp
(53 %	ime	, /
Temp. Surf. \	ime }	dir
Density: Surf.		
Wind: Direction Low	1	fms
wina: Direction	rorce	tate of (
		Sea
Weather	4	
Direction and Force Surface of Current.		
of Current. Bottom		
Tide		
General Locality Off M	ashuglen (Toasl
	The state of	
Position Destruction D.	f' (1 1	NILTYOF /+ 1
_	distant Will'n	18.6 miles
Chart used: No. 6400	Ed'n	3
Drift: Direction	Diste	tnce
Depth of Haul		
Apparatus and Rig used		
	Time towing	h. m .
Remarks:		

SOUNDING WIRE.		DREDGIN	OREDGING CABLE.		
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	ite,	, 191
Sag, Meh. Salah	Reel Tallet Lee	otto 3 0 lbs.
Turns Cor'n		95 fms.
sag. our Vrange fred ()	Sample	
Character of gn M	fri gy S	
(Make	(Instr	
Thermom.	Cor'n $Stem.$	
Bottom Reading	Cor'd Tem	
(- 70 Tin	1e (1827	(00"
Temp. Surf.	ie .4	irj
Density: Surf.	fms	5
Wind: Direction	. Force	5
Baromet. 20 29 Cloud	of / State	e of C
Weather . 5		
Direction and Force Surface of Current.		
Tide		
General Locality Off M	ashington (Coast
Position Newton Lo. Ly Chart used: No. 6400	Whears N49	7/2° E (Tru)
Chart used: No. 6400	Edin	1 miles
Drift: Direction	Distant	te
Depth of Haul		
Apparatus and Rig used		
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	are a minute	h, m .
	Time towing	n. ne.
Remarks:		****

Deck Officer

SOUNDING WIRE.		DREDGI	VG CAI	BLE.
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(D)
Hydrog No. Date, ,19
Sag. Mch. Collect Reet Cock Shot To Ubs.
Turns Cor'n Depth 24/fms.
Sag. Cup uni Amt. Bot'm Sample
Character of m M fre gy S
\mathcal{C}
Thermom. Cor'n
(No. (Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Time Air
Density: Surf fms
Wind: Direction 71 11 Force
Baromet. 30.29 Amt. of 10 State of G
Weather OR
Surface
Direction and Force of Current. Bottom
Tide
General Locality Off Washington Coast
Position Destruction S. Light Secars NS1/2°E (Tru)
Chart used: No. (406 distant 20.1 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Rigused
Apparatus and neg tota
Time towin ≤ h. m
Remarks:



1	
Hydrog. No. Date	, , 19/.
Sdg. Mch. C. L.C.A. Re	eel Carl Shore to 1bs.
Turns Cor'n	Depth 287 fms.
Sag. Cup	lnt. Bot'm " Sample
Character of OBottom - 287	
Thermom. { Make	Cor'n Instr.
No.	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	9:37 of dir
Density: Surf.	fms.
Wind: Direction WNW	Force 3
Baromet. 30, 2/ Amt. of Clouds	10 State of G.
Weather OZ	
Direction and Force $Surface$	
Tide	WW. 1991
General Locality Off Was	shington Coast.
Position Settruction do Leg Chart used: No. 6400	let lears N53/2 E(true)
Chart used: No. 6400	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
2	time towing h. m.
Beneral O C	
nemarks:	

Deck Officer De College : Recorder . 11-1023

SOUNDING WIRE.	DREDGING CABLE.
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Bredge No. Dat		
Sdg. Mch.	Reel Sho	d bs .
Turns Cor'n	Depth	298 fms.
sag. cup breues / 21/1/11	Amt. Bot'm Sample	
Character of Bottom 29%		
Thermon, $\begin{cases} Make \\ No. \end{cases}$	Cor'n Instr	
Bottom Reading	Cor'd Temp)
Temp. Surf. Time	10:17 a Air	.{ 61 °
Density: Surf.	fms.	
Wind: Direction 7/7/1	Force	3
Baromet. 2/ Amt. of Clouds	State	of 9
Weather Or		
Direction and Force Surface Of Current.		
Tide		
General Locality Off Was	strugton Co	ach
Position Destruction D. Light	thears N 55%	E (true)
Chart used : No. 6400	destant 2014	
Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rigused		
	Time towing	h, m ,
Remarks: 298	Time towers	

Deck Officer Mr. Cassing .. Recorder .. 17-17-17-11-1023

SOUNDING WIRE.		DREDGING CA	BLE.
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1 '	
Hydrog No. Date, Auty 2/ ,19 Hydrog No. Date, Auty 2/ ,19 Stag Meh. Fleetie Reel Fl. Short 30 1h Turns Cor'n Depth 24/6 fmi Sag. Cup. Mark 156 and 158 Sample Character of Clean less.	5
Sag. Meh. Election Reel El. Shot 30 1bs	3.
Turns Cor'n Depth 246 fmi	ŝ,
Sag. Cup Trans Cod Good Ant. Bol'm Sample	
Character of Clean less.	
Thermon. $\begin{cases} Make & & & \\ No. & & & \\ \end{cases} Cor'n \begin{cases} Instr. & \\ Stem. & & \\ \end{cases}$	_
Bottom Reading Cor'd Temp,	
Density: Surf. fms.	
Wind: Direction W/W Force 3	
Density: Surf. Wind: Direction M. W. Porce 3 Baromet. D. M. State of G. Sea 9. Weather 07	
Weather03	. 10. 1
Direction and Force Surface of Current. Bottom	_
Tide	
General Locality Off Washington Coast	
Position Destruction Is Light hears N580E (me	1
Position Destruction J. Light hears N58°F (Inc. Chart used: No. 6400 Bit'n Drift: Direction Distance	
Drift: Direction . Distance	
Depth of Haul	
Apparatus and Rig used	
	n.
Remarks: Those this of while hearing	٠.
+ hence to, has said it -	

Hydrogs No. 18.59. Date, Jaly 7, 196
Sde Mely Fr 67 . Week Leads 30 Us
Turns Depth Depth fms
Sag. Cup. Sample
Character of MICOD MEANUE, Co. A.
Thermon. (Nake Negrething - Zambra Sr'n Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Time Air
Density: Surf fms
Wind: Direction Force
Baromet. 2017 Amt. of 10 State of C.
Weather:
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \\ \begin{array}{c} \textit{Boltom} \end{array} \\ \dots \\ \end{array}$
Tide
General Locality Off Washington Coast
Position Destruction Is Light hears N 60° E (true) Chart used: No. 6400 Et in Et in
Chart used: No. 0400 Edin
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:
1166 827
1106 72

Deck Officer .

Recorder

20 4 Louga

111023			
SOUNDING WIRE.	FMS.	DREDGING CA	BLE.
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Hydrog! No. 5860 Date, Carry 21 , 1915
sag. Mch. Clectric Red Elects Leans 30 tos.
Turns Depth 92 fms.
Sag. our asming of afi soup on But'm
Character of gui M. J.
Thermon. { Cor'n Cor'n
Thermon. Cor'n Stem.
Bottom Reading - Cor'd Temp.
Temp. Surf. ST3. Time: //BDP Air Air
Density: Surf. fms
Wind: Direction 1621, X.CV. Force 3
Baromel. 30.34 Amt. of 10 State of 7%
Weather oc
Direction and Force of Current. $Surface$ Rotton
Tide
Concrat Locality Off Washington Coast
Position Sestruction of Light bears N 63° E (Mu)
Chart used: No. 6400 Gustant 19.0 miles
Drift: Direction Distance
Depth of Haul:
Apparatus and Rig used
Time towing h , m .
Remarks:

Deck Officer All Llich Recorder Da Long.

11—1023					
SOUNDING WIRE.				CABL	E.
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Hydrog No. 5861. Date, July 21, 1915
Sag. Meh. Electico Red Leet Theats 20 1bs.
Turns Cor'n Depth 87 fms.
Sag. Cun Orming (of Amt. Bot'm
Character of Bottom A. M. M.
(Make (Instr.
Thermom. No. Cor'n Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. 5-3 ° Time 1:42 Air 6/°
Density: Surffms,
Wind: Direction Challex 26. Force 3
Baromel. 30.34 Amt. of 10 State of Off.
Weather &C
Direction and Force Surface
Tide
General Locality Off Mashington Coast
Position Destruction of Light hears N 66 E (True). Chart used: No. 6400 destant 18 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used .
sappur webb core song weber.
. Time towing h. m.
Remarks:

Drudge VNO. 6862 Date, Judy 21 ,1914
Sug. Mch. Ecctric Reel Call Hout 30 1bs.
Turns Cor'n Depth 76 fms.
Sdg. Cupding (at 1 de Symple
Sdg. Cup 2 19 (2 of John Bousing Character of gra M.
Thermon.
Bottom Reading . Cor'd Temp.
Temp. Surf. 6-4? Time //, 5-2. Air 61.
Density: Surf fms
Wind: Direction 7 11 X 1 Porce 2-3
Baromet. 30.34 Amt. of 10 State of 70.
Weather
$\begin{array}{c} \textit{Direction and Porce} \\ \textit{of Current.} \end{array} \\ \begin{array}{c} \textit{Bottom} \end{array}$
Tide
General Locality Off Washington Coast
rosition Destruction do Light hears N 68° E (true). Chart used: No. 6400 distant 180 mile,
Chart used: No. 6400 Edinary 10 15
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used .
Tine towing li m.
Remarks:

Deck Officer Charles of Recorder Colland

SOUNDING WIRE. DREDGING CAB			G CABLE.
M. Down, Up. W. M.	FMS.	M. Down.	Up ?
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Hydrog. No. 5-8.6.3 Date,	no it		,19/5
Sag. Meh. Eschic . Rec	i de Et		Ths.
Turns Cor'n	Depth	84	fms.
Sag. Cuplifanasas (Doft a cay	Sample		
Character of gir Till for	and S		
Thermon.	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$		
Bottom Reading	Cor'd :	Temp	
Temp. Surf. 54° Time	2:05	Air { 6	/ 0
Densitu: Surf		fms,	
Wind: Direction W. 2. Of.	Force	2-3	
Baromet, 3 4 3 / Amt. of Clouds	10 8	tate of Sea	
Weather OC			
Direction and Force Surface			
Direction and Force Burface of Current.			
Tide			
General Locality Off Man	strugton	Coast	
Position Destruction b. L.	det bear	NTIPE	(time)
Position West College 10	distant	ig laui	le,
Chart used: No.	Ea n	18.7	
Drift: Direction	Dis	tunco	
Depth of Haul			
Apparatus and Rig used			
	Time towing	h.	m.
Remarks:			

Deck Officer

Record

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11-1023

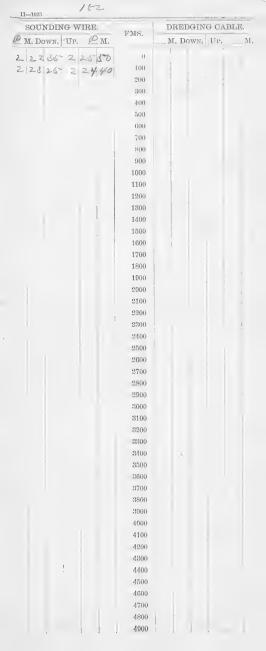
11-1023				
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nyarog No. 5864 Date, Unity 21	, 19 /
Sag. Mch. Clectric Rect Exchi Show	0 1bs.
Turns Cor'n Depth 95	
Sds. Cup Dining falt Look) Sample	
Sub Cup de service feet Je int. Bot me Character of Jes Sumple	
Thermon. $ \begin{cases} Make & & \\ No. & & \\ Stem & & \\ \end{cases} $	
Rottom Pending	
Temp. Surf. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	610
Density: Surf	************
Wind: Direction Chi J. M. Koree 2	
Baromet. 30, 35 Amt. of State of Sea	2.1
Weather le	No. his low SSS last one can up, on pay pay !
Direction and Force $S_{of\ Ourrent.}$ Bottom	
Tide	
General Locatily Off Washington Coast	
Position Destruction Is diglet hears N THE Chart used: No. 6400 Ed. 1	(true)
Chart used: No. 6400 Ed'n 199	110060,
Drift: Direction Distance Depth of Haul	
Depth of Haul	
Apparatus and Rig used	
Time towing	
Remarks:	

Deck Officer 118 Till Recorder 18 11 11 11 11

Hydrog No. 5-865 Do		
		Lead - 20 lbs
Turns Cor'n		100 fms
Sag. Cup Con survey locate. Character of Bottom - Character of	. 3/1	
Thermom. $ \begin{cases} Make & \dots \\ No. & \dots \end{cases} $	Gor'n Instr.	
Bottom Reading	Cor'd	
Temp. Surf. S-4° Tim	e 2:25	Air 61°
Density: Surf.		fms.
Wind : Direction Quili 1	· Force	3
Baromet, 30, SS _ Amt. o. Olouds	1 19 8	tate of 7.7
Weather &C	/	
Direction and Force Surface	***************************************	
Tide		
General Locality Off Fra	slington	Poast
Position Destructioned Light		0%: 2°E (hu)
Chart used: No. 6400	dislant 2	in mile.
Drift: Direction	Dista	1300
Depth of Haul		000000000000000000000000000000000000000
Apparatus and Rig used		
ppor will the the work and		
	Time towing	h. m .
Romarks:		

Deck Oper Man Glick Recorder Colland



Hydrog. No. 3-866 Date,	July 21 ,10)
	Els cl Shot 30 Us
Turns Cor'n	Depth 103 fms.
	t. Bot'm
Character of Coarse a ravel	fright s'
Thermom. $\begin{cases} Make & \dots \\ No. & \dots \end{cases}$	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time &	41° 41° 41° 41° 41° 41° 41° 41° 41° 41°
Density: Surf.	fms
Wind: Direction W. Q. QV.	Force 3
Baromet. 30. 3 5 Amt. of Clouds	State of Tiv
Weather &c	9
Direction and Force Surface of Current.	
Tide .	
MARK AND ADDRESS OF THE PARTY O	
General Locality Off Washi	ight Coast
Position Destruction In Light to	ears N 72/3" E (true)
- Lund de	islant 200 aule.
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
Tin	retowing h. m.
Remarks:	

Deck officer 1. 18. Lie in Recorder Co. 1. 11. 11.

mudros No. 4-667 Date, Quely 21 ,10.	,
Mydron No. 5-67 Date, July 21 ,19. Sug. Not. Electric Rost Ecot Scott	s
Turns Cor'n Denth 189	
Sdo Cun Courted of Amt. Bot'm	
Buttom Co. 12.	
Thermon. $\begin{cases} Make & V \\ No. \end{cases} Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading Cor'd Temp,	
Temp. Surf. Surf. Time dir	
Density: Surf. fms.	
Wind: Direction Will Live Horce	
Baromet. 36,35 Amt. of & State of City	
Weather & A	
Direction and Force Surface of Ourrent.	
Tide	
General Location Of Trashing to Coast	
Position Destruction de dight hears N brue the Chart used: No. 6406 Ed'n	
Depth of Haul	
Apparatus and Rig used	
Time towing h. m.	
lemarks:	

Deck Officer 25. The Seconder Comment

11—1023								
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Hydrog No. 5-66 Date, July 21 ,1915
Sag. Meh. Electric . Reel Che A Shot 30 1bs.
Turns Depth /Q 5 fms.
Side Out through at the sample Character of his gravel in
Thermom. $\begin{cases} Make & Cor'n \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp.
Temp. Surf. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surf. fms
Wind: Direction Chill Will Force 3
Baromet. 30, 34 Amt. of 2 State of 70
Weather &
Direction and Force Surface of Gurrent. Bottom
Tide
General Locality Off Washington Coast
Position Destruction do. Light bears N7 E (true) Chart used: No. 6400
Chart used: No. 6408 Ed'n
Drift: Direction
Depth of Haul
Apparatus and Rig used -
Time towinghm.
Remarks:

Deck Officer Miss. Girle Recorder Co. 10 11-100

11-1023			
SOUNDING WIRE.	FMS.	DREDGING CA	BLE.
M. DOWN. UP. M.	E 11151,	M. Down, Up,	Z
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Hydros No. 6-869 Dat	inc in
Sag. Meh. CLICALC H	reel Cicel. fibots 3 0 1bs.
Turns Cor'n	Depthfms.
sag. cup arming for it	Amt. Bot'm
Character of (() ()	1. Oh, for
Thermom. \{ \int_{No.} \limits_{\int_{No.}} \limits	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp
Temp. Surf. 54° Time	3:20 Air 64°
Density: Surf	
Wind: Direction Qu. 1.24	Force 3
Baromel. 30.34 Amt. of Clouds	9 State of 712
Weather &C	
* NEW	
Direction and Force Surface of Current.	
Tide	
General Locality Off Ma	strugton Coast
1 1 2 2 2	75
Position Destruction Is. Ly	My bears MThe (try)
Chart used: No. 6400	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	44.90
	Time towing h. m.
Remarks:	

Deck Officer Mr Dich Recorder (The District

Hydrog No. 5 & 70 Date, Quie 21 ,19/6
Sdg. Mch. Cottic Reel Elect Leady 30 1bs.
Turns Cor'n Depth 9 3 fms.
Sde. Cup Or ining of son Sample
Character of you II, for 6, for bell S
Thermom. $ \begin{cases} Make & \\ No, & \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. Surf. Time 3:30
Density: Surf fms
Wind: Direction Qd; Z. C. Force 3
Baromet. 3.0, 33 Amt. of 2 State of M
Weather be
Direction and Force Surface of Current.
Tidr
General Locality Off Washington Coast
Position Destruction Id. Light hears Ny80 E (trus) Charles wood 6400 Ellin
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
appearants and my toda
•
Time towing h. m.
Remarks:

Deck Officer Mr. Liche Recorder Co. 10-10219

0	
	1) (0-2
Hydrog. No. 5. 571	Date, (1015)
Sag. Meh. Cach.	. Rebl Care Co This.
Turns Cor'n	Depth / fms.
sag. cup - cherry (de	Amt. Bot'm
Character of Bottom	<u>ک</u> .
(Make	(Instr.
Thermom.	Cor'n Stem.
Bottom Reading	Cor'd Temp
Temp. Surf.	Time 4.5/2 dir
Density: Surf	fms
Wind: Direction W.	TOTO
Baromet, 20, 2 / Ch	nt. of State of Sea
Weather 6	
Direction and Force Surface of Gurrent.	
Tide	
	1 b 0 1
	rashington Coast
General Locality Off 7	rashington Coast
General Locality Off 7	
General Locality Of No Position Destruction &	Light hears N 72°E (but) distant 16.5 miles
General Locality Off 71 Position Destruction & Chart used: No. 6400	Light hears N 72°E (bus) distant 18.5 miles
Coneral Locality Off 7, Position Destruction & Chart used: No. 6400	Light hears N 72°E (bus) distant 18.5 miles
Concrat Locality Off 7, Position Destruction & Chart used: No. 64.00 Drift: Direction Depth of Haul	Light hears N 72°E (bus) distant 18.5 miles
Concrat Locality Off 7, Position Destruction & Chart used: No. 64.00 Drift: Direction Depth of Haul	Light hears N 72°E (bus) distant 18.5 miles
Concrat Locality Off 7, Position Destruction & Chart used: No. 64.00 Drift: Direction Depth of Haul	Light hears N 72°E (bus) distant 18.5 miles
Concrat Locality Off 7, Position Destruction & Chart used: No. 64.00 Drift: Direction Depth of Haul	Left hears N 72° E (bm) olistant 15.5 male Ed'n Distance
Concrat Locality Off 7) Position Destruction & Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Left hears N 72° E (bm) olistant 15.5 male Ed'n Distance
Concrat Locality Off 7) Position Destruction & Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Left hears N 72° E (bm) olistant 15.5 male Ed'n Distance
Concrat Locality Off 7) Position Destruction & Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Left hears N 72° E (bm) olistant 15.5 male Ed'n Distance
Concrat Locality Off 7) Position Destruction & Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	Left hears N 72° E (bm) olistant 15.5 male Ed'n Distance

Deck Officer Mr. Shipley Recorder STIMIN-1023

(2)	1	
Drader No. 587 Date Hydrog! No. 582 Mch. Elaster R Turns Cor'n Sag. Cup Amin (6ft Sag.) Character of Character of Cor.	, July 2	2 , 19 15
Sdg. Mch. Flattie R	cet El Sh	ads 30 lbs.
Turns Cor'n	Depth	93 fms.
sas. cup armin (Eft samp) .	Imt. Bot'm Sample	
Character of clan lead		
Thermom. $\begin{cases} Make & \dots \\ No, & \dots \end{cases}$	$Cor'n$ $\begin{cases} Instr \\ Stem \end{cases}$	
Bottom Reading	Cor'd Ten	<i>p</i> ,
Thermom. {\begin{aligned} Make & \\ No. & \\ Bottom Reading & \\ Temp. Surf. \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	5:08	ir 59°
Density: Surf.	fm:	
Wind: Direction West	Force	3
Baromet. 30-3 Amt. of Clouds	9 Stat	of TT
Density: Surf. Wind: Direction West Baromet. 30-35 Amt. of Clouds Weather &		
(Surface		
Direction and Force Surface Bottom		
Tide		
General Locality Old Was	hundan (Coast
General Locality of Ma	shuight (Coast
General Locality of Na	huighen (oast oE (true)
General Locality of Na Position Destruction do Light Chart week: No. 6400	huighan (bears N777 distant 20	oast oe (twe)
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	oast oast oE (time) b mile
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	o asf E (the) E miles
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	o asl
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	Coast CE (true) Coast
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	coast
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	coast
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	oast E (true) b ander h. m,
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	oast E (thue) B ands M. m.
Position Destruction do . Light Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rig used	bear N774 distant 20	oast E (the) b anily n. n. m.
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	oast E (the) b miles h. m.
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	oast e (the) b miles h. m.
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	o asl e (the) b miles h. m.
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	o asl e (thue) b miles h. m.
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	o ash of the the the the the the the the the the
Position Destruction Is Light Chart used: No. 6400	bear N774 distant 20	o ash of the the the the the the the the the the
Position Destruction Is Light Chart used: No. 6400	bear NTL distant 20 Ed'n Distant Distant Time towing	o ash o E (thue) b miles n. n. n. n.

	-1023								
SOUNDING WIRE.			FMS.	DREDGING CABLE.					
A.M. Down.		UP. /4 M.		rms.	M. Down.	UP.	M.		
25	04	00	5	06	30	0			
. 5	04	45	1	04	46	100			
						200			
						300			
						400			
						500			
						600			
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						1900			
				-		2000			-
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						2800			-
						2400			
					-	2500			-
						2600			
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